

## APPENDIX A

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The forms and photographs are not available online - please contact Jack Mononi at the Cody Field Office (307-578-5900) for additional information.

## **APPENDIX B**

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This appendix lists plant and animal species of concern. Each of these species is found in Park County, Wyoming, and has federally-protected status. Endemic species are included if they are at least considered sensitive. Non-endemic species are included if they have at least ESA Candidate species status. This information was obtained from the Wyoming Natural Diversity Database (WNDD).

## Plant Species of Concern

Common Name Scientific Name	Heritage Rank	Federal Status	Range Context
<i>Antennaria arcuata</i> Meadow pussytoes	G2/ S2	USouth Fork Shoshone R4 Sensitive WY BLM Sensitive	Regional Endemic/ Core
<i>Aquilegia laramiensis</i> Laramie columbine	G2/ S2	USouth Fork Shoshone R2 Sensitive WY BLM Sensitive	Local Endemic/ Core
<i>Artemisia biennis</i> var. <i>diffusa</i> Mystery wormwood	G5T1Q/ S1	WY BLM Sensitive	Regional Endemic/ Core?
<i>Artemisia porteri</i> Porter's sagebrush	G2/ S2	WY BLM Sensitive	Local Endemic/ Core
<i>Cymopterus evertii</i> Evert's waferparsnip	G2G3/ S2S3	WY BLM Sensitive	Local Endemic/ Core
<i>Descurainia torulosa</i> Wyoming tansymustard	G1/ S1	USouth Fork Shoshone R2 Sensitive USouth Fork Shoshone R4 Sensitive WY BLM Sensitive	Local Endemic/ Core
<i>Penstemon absarokensis</i> Absaroka beardtongue	G2/ S2	USouth Fork Shoshone R2 Sensitive WY BLM Sensitive	Local Endemic/ Core
<i>Penstemon laricifolius</i> ssp. <i>exilifolius</i> White beardtongue	G4T2Q/ S2	USouth Fork Shoshone R2 Sensitive	Regional Endemic/ Core
<i>Physaria lanata</i> [ <i>Physaria didymocarpa</i> var. <i>lanata</i> ] Woolly twinpod	G5T2/ S2	USouth Fork Shoshone R2 Sensitive	Regional Endemic/ Core
<i>Physaria saximontana</i> var. <i>saximontana</i> Rocky Mountain twinpod	G3T2/ S2	WY BLM Sensitive	Local Endemic/ Core
<i>Pyrrocoma carthamoides</i> var. <i>subsquarrosa</i> [ <i>Haplopappus carthamoides</i> var. <i>subsquarrosus</i> ] Absaroka goldenweed	G4G5T2T3/ S2	USouth Fork Shoshone R2 Sensitive	Regional Endemic/ Core
<i>Pyrrocoma integrifolia</i> [ <i>Haplopappus integrifolius</i> ] Entire-leaved goldenweed	G3?/ S1	USouth Fork Shoshone R2 Sensitive	Regional Endemic/ Edge
<i>Rorippa calycina</i> Persistent sepal yellowcress	G3/ S2S3	WY BLM Sensitive	Regional Endemic/ Core
<i>Shoshonea pulvinata</i> Shoshonea	G2G3/ S2	USouth Fork Shoshone R2 Sensitive WY BLM Sensitive	Regional Endemic/ Core
<i>Townsendia condensate</i> var. <i>anomala</i> [ <i>Townsendia anomala</i> ] North Fork Easter-daisy	G4T2/ S2	USouth Fork Shoshone R2 Sensitive	Local Endemic/ Core

Common Name Scientific Name	Heritage Rank	Federal Status	Range Context
<i>Draba globosa</i> [ <i>Draba apiculata</i> var. <i>apiculata</i> ; <i>D. densifolia</i> var. <i>apiculata</i> ] Rockcress draba	G3/ S2	USouth Fork Shoshone R4 Sensitive	Regional Endemic/ Edge
<i>Ericameria discoidea</i> var. <i>linearis</i> [ <i>Haplopappus macronema</i> var. <i>linearis</i> ; <i>H. m.</i> var. <i>canescens</i> ] Narrowleaf goldenweed	G4G5T3/ S2	USouth Fork Shoshone R4 Sensitive	Regional Endemic/ Edge

## Animal Species of Concern

Common Name Scientific Name	Heritage Rank	Federal Status	Range Context
McCown's longspur <i>Calcarius mccownii</i>	G5/ S2	USouth Fork Shoshone R2 Sensitive, WYGF NSS4	Regional Endemic
Chestnut-collared longspur <i>Calcarius ornatus</i>	G5/ S1	USouth Fork Shoshone R2 Sensitive, WYGF NSS4	Regional Endemic
Yellow-billed cuckoo <i>Coccyzus americanus</i>	G5/ S1	USFWS ESA Candidate (Western subspecies), USouth Fork Shoshone R2 Sensitive, Wyoming BLM Sensitive, WYGF NSS2	Very Small WY Range
Whooping crane <i>Grus Americana</i>	G1/ SAB/ S1N	USFWS Endangered	Accidental or Occasional in Wyoming
Bald eagle <i>Haliaeetus leucocephalus</i>	G4/ S3B/ S5N	USFWS Threatened (proposed for de-listing), WYGF NSS2	Moderate WY Range
Yellowstone cutthroat trout (Native pops.) <i>Oncorhynchus clarki bouvieri</i>	G4/ T2/ S2	USFWS ESA Listing Denied, USouth Fork Shoshone R2 Sensitive, Wyoming BLM Sensitive, WYGF NSS3	Regional Endemic
Westslope cutthroat trout <i>Oncorhynchus clarki lewisi</i>	G4/ T3/ S1	USFWS ESA Listing Denied, USouth Fork Shoshone R4 Sensitive	Regional Endemic
Arctic grayling (Upper Missouri River fluvial population) <i>Thymallus arcticus</i>	G5/ T2/ S1	WYGF NSS4, USFWS ESA Candidate	Regional Endemic Very Small WY Range
Black-tailed prairie dog (Large towns) <i>Cynomys ludovicianus</i>	G4/ S2	USFWS ESA Candidate, USouth Fork Shoshone R2 Sensitive, WYGF NSS3	Moderate WY Range
White-tailed prairie dog (Large towns) <i>Cynomys leucurus</i>	G4/ S3	USFWS Petitioned for ESA listing, Action Pending; USouth Fork Shoshone R2 Sensitive, Wyoming BLM Sensitive, WYGF NSS3	Regional Endemic

<b>Common Name Scientific Name</b>	<b>Heritage Rank</b>	<b>Federal Status</b>	<b>Range Context</b>
Gray wolf <i>Canis lupus</i>	G4/ S1	USFWS Endangered	Small WY Range
Grizzly bear <i>Ursus arctos horribilis</i>	G4/ S1	USFWS Threatened	Small WY Range
Canada lynx [North American lynx] <i>Lynx canadensis</i> [ <i>Felis lynx</i> ]	G5/ S1	USFWS Threatened, WYGF NSS1	Small WY Range

## APPENDIX C

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### *Structural Triage and Preparation*

#### **Size-up Considerations**

- What is the current and expected weather?
- Are fuels heavy, moderate, or light? What is the arrangement and continuity of fuels?
- Note any hazardous topography.
- What have fires in this area done before?
- What is the fire's current and expected behavior?
  - What is the rate and direction of spread?
  - What is the potential for spotting and firebrands?
  - Will topographical features or expected weather changes affect the rate of spread?
- What are the number and density of structures threatened?
- What are the available resources?
- Will you have to evacuate people or animals?
  - Are there residents that will not evacuate?
- How hazardous is the structure?
  - What is the roofing material?
  - Are the gutters full of litter?
  - Are there open eaves and unscreened vents?
  - Does the structure have wooden decking?
  - Is there defensible space?
  - Are there large windows with flammable drapes or curtains?
  - What is the size and location of propane tanks and/or fuel storage tanks?

#### **Fire Fighter Safety**

- What are the routes of egress and ingress?
  - What is the largest engine that can access the structure safely?
  - Are the roads two way or one way?
  - Are there road grades steeper than 10%?
  - Are the road surfaces all weather?
  - Are there load-limited bridges?
- Are there anchor points for line construction?
- Are there adequate safety zones?
- What are the escape routes?
- Are there special hazards such as hazardous materials, explosives, high-voltage lines, or above ground fuel tanks?
- Are communications adequate?

#### **Structure Triage Categories**

Sort structures into one of three categories:

- 1. Stand Alone or Not Threatened**
- 2. Defendable**
- 3. Not Defendable.**

- Factors that may make an attempt to save a structure too dangerous or hopeless.
  - The fire is making sustained runs in live fuels and there is little or no defensible space.
  - Spot fires are too numerous to control with existing resources.
  - Water supply will be exhausted before the threat has passed.
  - The roof is more than 1/3 involved in flames.
  - There is fire inside the structure.
  - Rapid egress from the area is dangerous or may be delayed.